

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: MOTOSHIM, Kuniaki et al. Conf.: Unassigned  
Appl. No.: NEW Group: Unassigned  
Filed: November 17, 2003 Examiner: UNASSIGNED  
For: OPTICAL AMPLIFYING REPEATER APPARATUS  
AND OPTICAL AMPLIFYING/REPEATING  
TRANSMISSION SYSTEM

INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION WITH CONTINUATION-IN-PART OR  
RULE 1.53(b) CONTINUATION OR DIVISIONAL APPLICATION)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

November 17, 2003

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449 form(s), attached hereto.

II. REFERENCES PREVIOUSLY CITED OR SUBMITTED

Pursuant to 37 C.F.R. § 1.98(d), consideration of information listed on the PTO-1449 form(s) is requested since any patents, publications, or other information which are listed on the PTO-1449 form(s) but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Appl. No(s).  
09/806,456

U.S. Filing Date(s)  
April 18, 2001

III. FEES

This Information Disclosure Statement is being filed concurrent with the filing of a continuation-in-part, continuation, or divisional patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS or requires a copy of any of the references cited but not provided, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By 

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MKM/CJB/mzk  
0054-0279P

Attachment(s) : ☒ PTO-1449(s)

☐ References

☐ Foreign Search Report

☐ Other:

(Rev. 09/30/03)

Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)	ATTY. DOCKET NO. 0054-0279P	APPLICATION NO. NEW
	APPLICANT MOTOSHIMA, Kuniaki et al.	
	FILING DATE November 17, 2003	GROUP Unassigned

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 5,510,930	A	1996-04-23	Motoshima et al.			
	US 6,252,699		06-2001	Kohn, Ulrich	359	177	
	US 6,400,498		06-2002	Shimomura et al.	359	337	
	US 5,812,710		09-1998	Sugaya, Yasushi	359	127	
	US 6,275,329		08-2001	Sieben Michael	359	177	
	US 6,151,160		11-2000	Ma et al.	359	124	
	US 5,280,383		01-1994	Federici et al.	359	341.1	
	US 5,506,724		04-1996	Shimizu et al.	359	337	
	US 6,236,482		05-2001	Toyohara, Atsushi	359	124	
	US 6,335,823		01-2002	Ohshima et al.	356	73.1	

### FOREIGN PATENT DOCUMENTS

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								YES	NO
	JP	10-13357	A	1998-01-16	JAPAN				
	JP	11-174383	A	1999-07-02	JAPAN				
	JP	6-2197	A	1994-01-28	JAPAN				
	JP	9-219696	A	1997-08-19	JAPAN				
	JP	9-238107	A	1997-09-09	JAPAN				
	JP	10-126341	A	1998-05-15	JAPAN				
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	JP	2000-78081	A	2000-03-14	JAPAN				
	JP	11-74595	A	1999-03-16	JAPAN				

### OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

	SUGATANI et al., Technical Research Report on the Institute," Vol. 95, No. 185, pp. 21-26
	Lee et al., IEEE Phototonics Technology Letters, Vol. 10, No. 12, pp. 1721-1723
	"Optical Amplifiers & Their Applications," MD1, 1998

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	US 6,008,934		12-1999	Fatehi et al.	359	176	
	US 5,675,432		10-1997	Kosaka Junya	359	176	
	US 6,407,836		06-2002	Fukushima Nobuhiro	359	124	
	US 6,292,290		09-2001	Wan et al.	359	124	
	US 5,452,116		09-1995	Kirkby et al.	359	124	
	US 6,307,668		10-2001	Bastien et al.	359	337.1	
	US 5,392,154		02-1995	Chang et al.	359	124	
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								YES	NO
	JP	6-21897	A	1994-01-28	JAPAN				
	WO	97/09757		03-1997	WIPO				
	JP	11-46030		02-1999	JAPAN				

### OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

	Masuda et al. "Wide-Band and Low Noise Optical Amplification using Distributed Raman Amplifiers and Erbium-Doped Fiber Amplifiers," ECOC'98 September 1998, pages 51-52.
	Kawai et al. "Wide-Bandwidth and Long-Distance WDM Transmission Using highly Gain-Flattened Hybrid Amplifier," Photonic Tech. Lett. 11:7, July 1999, pages 886-888.
	Nakagawa et al. "1580 nm band erbium-doped fiber amplifier employing novel temperature compensating technique," OFCC 2000, March 2000, pages 108-110, vol. 2.

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